Industrial SWPPP

Introduction

To help you develop a SWPPP that is consistent with the 2008 MSGP, the U.S Environmental Protection Agency (EPA) has created this Industrial SWPPP Template (or, "the Template"). Use of the Template will help ensure that your SWPPP addresses all the necessary elements required in Part 5 of the 2008 MSGP.

Before completing the Template, make sure you read and understand the requirements in the 2008 MSGP. A copy of the MSGP is available at www.epa.gov/npdes/stormwater/msgp.

Using the Industrial SWPPP Template

Tips for completing the Template:

- This Template is designed for use by all facilities eligible for coverage under the 2008 MSGP. The Template is NOT tailored to your individual industrial sector. Depending on which industrial sector you fall under (see Appendix D of the 2008 MSGP) and on where your facility is located (see Appendix C of the 2008 MSGP), you will need to address additional SWPPP requirements outlined in Part 8 and/or Part 9 of the permit, respectively.
- Complete a SWPPP *before* submitting your Notice of Intent (NOI) for permit coverage.
- Each section includes "instructions" and space for your facility's specific information. You should read the instructions for each section before you complete that section.
- The Template was developed in *Microsoft Word* so that you can easily add tables and additional text. Some sections may require only a brief description while others may require several pages of explanation.
- To make it easier to complete, the Template generally uses blue text where the operator is expected to enter information.

EPA notes that while EPA has made every effort to ensure the accuracy of all instructions and guidance contained in the Template, the actual obligations of regulated industrial facilities are determined by the relevant provisions of the permit, not by the Template. In the event of a conflict between the Template and any corresponding provision of the MSGP, the permit controls. EPA welcomes comments on the Template at any time and will consider those comments in any future revision of this document.

Stormwater Pollution Prevention Plan

for:

Assabet Sand & Gravel Company, Inc.
16 Knox Trail
Acton, MA 01720
(978) 897-7661

SWPPP Contact(s):

Assabet Sand & Gravel Company, Inc.
Douglas J. Macone
16 Knox Trail
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SWPPP Preparation Date:

08/17/ 2010 (Final)

Contents

SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information

Instructions:

- You will need the information from this section to complete your NOI.
- For further instruction, refer to the 2008 MSGP NOI form and instructions – specifically sections C and D of the NOI. A copy of the 2008 MSGP NOI is available at www.epa.gov/npdes/stormwater/msgp (Appendix G of the permit)
- Detailed information on determining your site's latitude and longitude can be found at www.epa.gov/npdes/stormwater/latlong.
- You must include a copy of the 2008 MSGP, or a reference or link to where a copy can be found, in Attachment C of your SWPPP.

Facility Information

Name of Facility: Assabet Sand & Gravel Company, Inc.

Street: 16 Knox Trail

City: Acton State: MA ZIP Code: 01720

County or Similar Subdivision: Middlesex County

Permit Tracking Number: _____ (if covered under a previous permit)

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude:	Longitude:
1. 42 ° 26 ' 36 ' N (degrees, minutes, seconds)	1. -71 ° 25 ' 39 " W (degrees, minutes, seconds)
2. _ _ ° _ _ . _ _ ' N (degrees, minutes, decimal)	2. _ _ ° _ _ . _ _ ' W (degrees, minutes, decimal)
3. 42.4431 ° N (decimal)	3. -71.4273 ° W (decimal)

Method for determining latitude/longitude (check one):

☐ USGS topographic map (specify scale: _____) ☒ EPA Web site ☐ GPS

☐ Other (please specify): _____

Is the facility located in Indian Country? ☐ Yes ☒ No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." _____

Is this facility considered a Federal Facility? ☐ Yes ☒ No

Estimated area of industrial activity at site exposed to stormwater: 6.80 (acres)

Discharge Information

Does this facility discharge stormwater into an MS4? ☒ Yes ☐ No

If yes, name of MS4 operator: Town of Acton

Name(s) of water(s) that receive stormwater from your facility Assabet River

Are any of your discharges directly into any segment of an "impaired" water? ☒ Yes ☐ No

If Yes, identify name of the impaired water (and segment, if applicable): Assabet River (8246775) (Segment ID MA82B-07_2002 (Powdermill Dam, Acton to confluence with Sudbury River, Concord. Miles 6.4-0.0.

Identify the pollutant(s) causing the impairment: Phosphorus & E coli

For pollutants identified, which do you have reason to believe will be present in your discharge?

Neither - Per EPA Instructions a sample shall be taken once in first year to determine if present.

For pollutants identified, which have a completed TMDL? Total Phosphorus

[See Report Number MA82B-01-2001-01; Control Number CN 201.0]

Do you discharge into a receiving water designated as a Tier 2 (or Tier 2.5) water? ☒ Yes ☐ No

Are any of your stormwater discharges subject to effluent guidelines? ☒ Yes ☐ No

If Yes, which guidelines apply? Listed in Section 4.

Primary SIC Code or 2-letter Activity Code: SIC Code 1442 (refer to Appendix D of the 2008 MSGP)

Identify your applicable sector and subsector: Sector J; Subsector J1

1.2 Contact Information/Responsible Parties

Instructions:

- List the facility operator(s), facility owner, and 24 hour emergency contact. Indicate respective responsibilities, where appropriate.
- You will need the information from this section of the SWPPP Template for your NOI.
- Refer to Section B of the NOI instructions (available in Appendix G of the 2008 MSGP).

Facility Operator (s):

Name: Assabet Sand & Gravel Company, Inc.
Address: 16 Knox Trail
City, State, Zip Code: Acton, MA 01720
Telephone Number: (978) 897-7661
Email address: assabetsand@gmail.com
Fax number: (978) 897-7661

Facility Owner (s):
Name: Assabet Sand, LLC
Address: 16 Knox Trail
City, State, Zip Code: Acton, MA 01720
Telephone Number: (978) 897-7661
Email address: assabetsand@gmail.com
Fax number: (978) 897-7661

SWPPP Contact:
Name: Douglas J. Macone
Telephone number: (978) 897-7661
Email address: assabetsand@gmail.com
Fax number: (978) 897-7661

1.3 Stormwater Pollution Prevention Team

Instructions (see 2008 MSGP Part 5.1.1):
- Identify the staff members (by name or title) that comprise the facility's stormwater pollution prevention team as well as their individual responsibilities.
- Your stormwater pollution prevention team is responsible for assisting the facility manager in developing and revising the facility's SWPPP, implementing and maintaining control measures/BMPs, and taking corrective actions where required. Each member of the stormwater pollution prevention team must have ready access to either an electronic or paper copy of applicable portions of the MSGP and your SWPPP.

Staff Names	Individual Responsibilities
Douglas Macone	See attached SWPPP Staff Matrix
Chris Gilman	See attached SWPPP Staff Matrix
Ross Wheeler	See attached SWPPP Staff Matrix

1.4 Activities at the Facility

Instructions (see 2008 MSGP Part 5.1.2):
- Provide a general description of the nature of the industrial activities at your facility.

This Facility receives off-site earth material which is then processed into sand & gravel, stored on-site in piles and bins and loaded onto trucks for sale and distribution. This facility withdraws water from the Assabet River (per a separate current permit) at the existing pump house adjacent to the Assabet River on the opposite side of Knox Trail. This withdrawn water is pumped under Knox Trail to the Wash Sand

Processing Plant. The processed water from this plant is then sent into multiple settling basins contained within the Facility. Front-end loaders and large haul trucks transport the material within the site to the processing equipment. The processing equipment include: sand washing, crushing, screening, sizing, conveying, storing (bins & piles) and truck loading operations. A fleet of trucks are stored and maintained on–site to haul materials to site and from the site to customer locations. No mining of raw earth materials occurs at this site. All residual organic and deleterious materials are properly removed from the site.

1.5 General Location Map

Instructions (see 2008 MSGP Part 5.1.2):

- Provide a general location map (e.g., U.S. Geological Survey (USGS) quadrangle map) with enough detail to identify the location of your facility and all receiving waters for your stormwater discharges (include as Attachment A of this SWPPP Template).

Include a copy of the general location map for this facility in Attachment A.

1.6 Site Map

Instructions (see 2008 MSGP Part 5.1.2):

- Include a map showing the following information. The site map should be included as Attachment B of this SWPPP Template.
  - the size of the property in acres;
  - the location and extent of significant structures and impervious surfaces;
  - directions of stormwater flow (use arrows);
  - locations of all existing structural control measures;
  - locations of all receiving waters in the immediate vicinity of your facility, indicating if any of the waters are impaired and, if so, whether the waters have TMDLs established for them;
  - locations of all stormwater conveyances including ditches, pipes, and swales;
  - locations of potential pollutant sources identified under MSGP, Part 5.1.3.2;
  - locations where significant spills or leaks identified under MSGP, Part 5.1.3.3 have occurred;
  - locations of all stormwater monitoring points;
  - locations of stormwater inlets and outfalls, with a unique identification code for each outfall (e.g., Outfall No. 1, No. 2, etc), indicating if you are treating one or more outfalls as "substantially identical" under MSGP, Parts 4.2.3, 5.1.5.2, and 6.1.1, and an approximate outline of the areas draining to each outfall;
  - municipal separate storm sewer systems, where your stormwater discharges to them;
  - locations and descriptions of all non-stormwater discharges identified under MSGP, Part 2.1.2.10;
  - locations of the following activities where such activities are exposed to precipitation:
    - fueling stations;
    - vehicle and equipment maintenance and/or cleaning areas;
    - loading/unloading areas;
    - locations used for the treatment, storage, or disposal of wastes;
    - liquid storage tanks;
    - processing and storage areas;
    - immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility;
    - transfer areas for substances in bulk;
    - machinery; and
  - locations and sources of run-on to your site from adjacent property that contains significant quantities of pollutants.

Include a copy of the site map for this facility in Attachment B.

SECTION 2: POTENTIAL POLLUTANT SOURCES

Instructions (see 2008 MSGP Part 5.1.3):

- In this section, you are required to describe areas at your facility where industrial materials or activities are exposed to stormwater or from which allowable non-stormwater discharges are released.

2.1 Industrial Activity and Associated Pollutants

Instructions (see 2008 MSGP Parts 5.1.3.1 and 5.1.3.2):

- Include a list of industrial activities exposed to stormwater (e.g., material storage; equipment/vehicle fueling, maintenance, and cleaning; cutting steel beams) and the pollutants or pollutant constituents (e.g., motor oil, fuel, battery acid, and cleaning solvents) associated with these activities.
- In your list of pollutants associated with your industrial activities, include all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the 3 years prior to the date you prepare your SWPPP.

Industrial Activity	Associated Pollutants
Vehicle and Equipment Maintenance Garage	Fuel, oil, antifreeze, grease, hydraulic fluid, brake Fluid, solvents, transmission Fluid, parts washer and paint
Electric Pump House	Grease
Electric Feed Hopper	Grease
Electric Primary Crusher	Grease
Electric Wash Sand Processing Plant	Grease
Secondary Crusher	Gear oil, grease
Mobile Screening Plant	Hydraulic fluid, oil, grease, fuel
Mobile Crusher Plant	Hydraulic fluid, oil, grease, fuel
Truck Scale	
WOT: Waste Oil Tank	Aboveground Waste Oil Tank and waste oil-filter container are located inside maintenance garage within concrete containment area
HOT: Heating Oil Tank	Aboveground Heating Oil Tank for furnace is located inside maintenance garage within concrete containment area:
ETS: Empty Tank Storage	Residual oil, lubricants, hydraulic oil
SWC: Solid Waste Can	Inside locations only within office and garage
AST: Above Ground Storage Tank	Storage tanks are all located inside garage and within oil containment area.
SDS: Private on-site subsurface Sewage Disposal System	Restricted to sanitary sewage only per Title 5; 310 CMR 15.203 for employee bathroom use only.
Truck Parking	Oil, grease, fuel

2.2 Spills and Leaks

Instructions (See 2008 MSGP Part 5.1.3.3):

- Include the following in this section:
  - Potential spills and leaks: A description of where potential spills and leaks could occur at your site that could contribute pollutants to your stormwater discharge, and specify which outfall(s) are likely to be affected by such spills and leaks.
  - Past spills and leaks: A description of significant spills and leaks in the past 3 years of oil or toxic or hazardous pollutants that actually occurred at exposed areas, or that drained to a stormwater conveyance.
- *Note: Significant spills and leaks include, but are not limited to, releases of oil or hazardous substances in excess of quantities that are reportable under CWA Section 311 (see 40 CFR 110.6 and 40 CFR 117.21) or Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USC §9602.*

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Outfalls
Within Facility at individual heavy equipment when refueling from mobile diesel fuel truck	E1b
Inside Maintenance Garage	None; No floor drains are present, clean-up with rags and dispose in properly labeled containers inside.
Outside delivery of materials into Maintenance Garage door.	Point 2

Description of Past Spills/Leaks

Date	Description	Outfalls

2.3 Non-Stormwater Discharges Documentation

Instructions (see 2008 MSGP Part 5.1.3.4):

- The questions below require you to provide documentation of the following:
  - Your evaluation for the presence of non-stormwater discharges at your site; and
  - Your elimination of any unauthorized non-stormwater discharges.

- Date of evaluation: March 12, 2010 & March 24, 2010

Description of the evaluation criteria used:

March 12, 2010 - Met with with Douglas Macone at site and conducted walk of entire facility to determine general location of processing plant, associated equipment, materials, storm drains and locations of any potential pollutant sources for preparation of Site Map within SWPPP. Also determined during walk were the general directions of surface runoff from the facility. A detailed conversation was also conducted to fully understand procedures for inside storage of all new and used potential pollutants within garage. Also present at the site were Chris Gilman and Ross Wheeler.

This establishment primarily processes sand & gravel for construction use. In order to conduct this operation, the use of water is required to wash the sand. Water from the pump house on the opposite side of Knox Trail is pumped underground to the plant from the Assabet River. Once processed the water from the plant is piped to a primary settling basin within the facility. Wet sand and stone stock piles created by the processing plant are allowed to drain within the facility to various settling basins.

Determination of proposed locations of additional stormwater controls at the paved entrances was also reviewed in the field.

March 24, 2010 – Met with Chris Gilman at site to discuss required items within SWPPP relative to Pollution Prevention, maintenance procedures and current methods of proper disposal of waste materials at the site. Erosion and Sedimentation Control was also discussed for each Outfall/ Sample Point. Recommendations for more frequent removal of sediment from the settling basins prior to Outfall Points 1 and 2 were made. Also discussed in greater detail were the proposed locations of additional hooded catch basins at the paved entrances prior to Outfall/Sample Point 3 which is the MS4 within Knox Trail, if deemed necessary following monitoring.

August 17, 2010 – Met with Douglas Macone at site to review, edit and finalize SWPPP.

- List of the outfalls or onsite drainage points that were directly observed during the evaluation:

  Outfall Points:
  Outfall Pont 1 – Flared end outlet from E1a-Settling Basin to abutting drainage system.
  Outfall Point 2 – 24" CMP from E1b-Settling Basin to abutting drainage system.
  Outfall Point 3 – To MS4 storm drain in Knox Trail (Catch basin in Public Street).
  Onsite Drainage Points within Facility:
  A1-Primary Settling Basin; A2-Secondary Settling Basin; A3-Tertiary Settling Basin
  B1-Woodland Area
  C1-Settling Basin
  D1-Woodland Area

- Different types of non-stormwater discharge(s) and source locations:
  Per Section 1.1.3 Allowable Non-Stormwater Discharges present at site.
  Uncontaminated condensate from office air-conditioner in (summer months only).
- Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge:

2.4 Salt Storage

Instructions (see 2008 MSGP Part 5.1.3.5):

- Document the location of any storage piles containing salt used for deicing or other commercial or industrial purposes.
- Note: You will be asked additional questions concerning salt storage in Section 3.7 of this SWPPP template, below.

N/A - This facility does not use or store salt for deicing. Sand is used on surfaces of haul roads during winter months to address icing conditions. During winter months Processing Plant is limited to dry screening. Wet screening typically resumes within the month of March once temperatures reach above freezing.

2.5 Sampling Data Summary

Instructions (See 2008 MSGP Part 5.1.3.6):

- Summarize all stormwater sampling data collected from your permitted outfalls during the previous permit term.

Site not previously permitted.

SECTION 3: STORMWATER CONTROL MEASURES

Instructions (See 2008 MSGP Parts 5.1.4.1 and 2.1.2):

– In Sections 3.1 - 3.12 of this SWPPP template, you are asked to describe the stormwater control measures that you have installed at your site to meet each of the permit's "non-numeric effluent limits" in Part 2.1.2 of the 2008 MSGP.

3.1 Minimize Exposure

Instructions (see 2008 MSGP Part 2.1.2.1):

– Describe any structural controls or practices used to minimize the exposure of industrial activities to rain, snow, snowmelt, and runoff. Describe where the controls or practices are being implemented at your site.

Existing Maintenance Garage protects routine and scheduled maintenance on equipment from exposure. Otherwise, the daily operations of this facility are located entirely outside so it is extremely difficult to minimize the exposure of processing equipment, stored on-site equipment & vehicles, soil stockpile areas and fueling operations to rain, snow, snowmelt and runoff by locating these industrial materials inside.

The following have and will be continued to be implemented at this Facility.

•Wash water from the plant is piped into three settling basins to allow sediments to filter out, which does not have an Outfall to an MS4 or the Assabet River.
•Grading, and berms have been provided along perimeter to divert runoff from most areas of facility into existing settling basins.
•Dedicated truck parking areas have been slightly elevated with gravel base above haul roads to divert channeled runoff away from truck and equipment parking spaces.
•Material stockpiles are primarily stored along haul road areas on facility.
•Routine and scheduled repairs of equipment is conducted inside maintenance garage so that leaks are contained inside and cleaned up and properly disposed of in containment area.
•Operator shall continue to confine the storage of leaky or leak-prone vehicles and equipment awaiting maintenance to protected areas.
•Spills and leaks shall be promptly cleaned up using dry methods (e.g., absorbents) to prevent the discharge of pollutants;
•Drip pans and absorbents shall be used under or around leaky vehicles and equipment or stored indoors when feasible;
•Existing Concrete Containment Area provides for spill/overflow protection within garage.
•Operator shall consider draining fluids from equipment and vehicles prior to on-site storage;
•Operator shall perform all cleaning operations indoors when feasible, under cover, or in bermed areas that prevent runoff and run-on and also capture any overspray;

3.2 Good Housekeeping

Instructions (see 2008 MSGP Parts 2.1.2.2 and 5.1.5.1):

Describe any practices you are implementing to keep exposed areas of your site clean. Describe where each practice is being implemented at your site. Include here your schedule for: (1) regular pickup and disposal of waste materials, and (2) routine inspections for leaks and of the condition of drums, tanks, and containers.

Concrete bins are provided to contain piles of sand & gravel. Haul roads throughout facility are scraped of sediment with front loader. Paved driveway entrances are swept of sediment from vehicle tracking when necessary. Trash is collected within trash bags in barrels and stored within a covered dumpster. Wash water from processing plant is piped overhead to settling basins to minimize erosion. Scrap metal is stored in empty barrels outside garage for regular pickup. Empty barrels are also stored on a wooden pallet behind garage for regular pickup. Gravel surface areas have been provided within all dedicated parking areas for customers, employees and trucks to minimize dust and erosion. Chain link fences and/or earthen berms have been provided along perimeter of facility to contain any potential wind-blown debris from exiting facility.

1. Scheduled pickups are arranged with applicable companies to properly dispose of waste oils and fluids; remove empty barrels and containers; recycle scrap metal and dispose of trash from the facility. All waste oils, fluids and chemicals are properly stored in labeled containers within concrete containment area inside garage. These areas are inspected for leaks each time they are emptied. All vehicles and equipment shall also be visually inspected prior to daily use and during scheduled maintenance based on standard hours of use.

2. All drums and containers within garage area are visible for daily inspection. All waste tanks and cylinders within containment area are inspected when emptied. Processing plants, trucks and heavy equipment shall be visually inspected on a daily basis when in use for visible leaks of potential pollutants. More detailed inspections of plant equipment shall be conducted in accordance with recommended guidelines per manufacturer. Operator shall develop and maintain at the site a schedule and procedure of all of equipment.

3.3 Maintenance

Instructions (see 2008 MSGP Parts 2.1.2.3 and 5.1.5.1):

- Describe procedures (1) to maintain industrial equipment so that spills/leaks are avoided, and (2) to maintain any of your site's control measures in effective operating condition. Include the schedule you will follow for such maintenance activities. Describe where each applicable procedure is being implemented at the site.

Existing Conditions

(1) Scheduled maintenance and inspection is required and provided for all equipment at facility. Operator shall develop and maintain a log book at the facility for use and documentation of inspections.

(2) All settling basins are dredged on an annual basis at a minimum. The Primary "Washwater": Settling Basin A1 is also dredged as deemed necessary throughout the year when outlet control or earthen berm is jeopardized from silt build up from processing plant. Settling Basins A2 & C1 are also dredged as deemed necessary during year from sediment build-up from site runoff of sediments. Primary settling basins E1a and E1b adjacent to haul roads and vehicle storage are visually inspected daily. Outfall Point 1 and Point 2 are also visually inspected on a daily basis and emphasis shall be placed during storm events and sediment shall be removed when deemed necessary. All equipment and machinery is also inspected on an daily basis prior to operation. Heavy Equipment and trucks are inspected daily prior to operation and are maintained in accordance with current maintenance schedule. Abutting catch basins shall also be monitored for accumulation of sediments. Catch basins shall be cleaned at least four times per year.

3.4 Spill Prevention and Response

Instructions (see 2008 MSGP Parts 2.1.2.4 and 5.1.5.1):

- Describe any structural controls or procedures used to minimize the potential for leaks, spills, and other releases. You must implement the following at a minimum:
  - Procedures for plainly labeling containers (e.g., "Used Oil," "Spent Solvents," "Fertilizers and Pesticides," etc.) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;
  - Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling;
  - Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases; and
  - Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies.

  Describe where each control is to be located or where applicable procedures will be implemented.

- Note: Some facilities may be required to develop a Spill Prevention Control and Countermeasure (SPCC) plan under a separate regulatory program (40 CFR 112). If you are required to develop an SPCC plan, or you already have one, you should include references to the relevant requirements from your plan.

Existing Conditions

Spill Prevention – No fertilizers or pesticides are used at this Facility. A concrete containment area is provided within maintenance garage where all waste oils, fluids, and absorbents are properly stored in plainly labeled containers. There are also no floor drains in concrete floor within garage. Any potential spill on the concrete floor during scheduled and routine maintenance of the vehicles is controlled with either dry Absorbents or rags which are properly disposed of in designated containers.

Labeling Procedures - Each waste container is and shall continue to be plainly labeled within containment area. All new products are stored up on shelving off to the side within garage area.

Preventive measures – Large concrete block storage bins presently act as a physical barrier between haul roads, sand & gravel stock piles and the Maintenance Garage. Within the garage a raised concrete

containment area is the secondary containment provision for all waste oils, waste fluids and new heating oil for garage furnace. This secondary containment area is adjacent to the service bay location and its location is on the farthest side from daily traffic areas. All oils, fluids and chemicals are stored and individually handled within the Maintenance Garage in accordance with recommended industry standards. There are no floor drains within the garage areas and any spills during normal routine and scheduled maintenance is either cleaned up with dry absorbents or rags which are properly stored in a separate container within secondary concrete containment area.

Existing Procedures for expeditiously stopping, containing, & cleaning up leaks, spills and other releases: Protocol for spills shall follow posted procedures within facility.

- Immediately stop machinery and identify spill material.
- Provide containment of spill with dry absorbents or rags or other available means.
- Clean up spill with additional dry absorbents and rags as necessary.
- Review container for additional clean-up requirements per manufacturer.
- Notify Emergency Contacts as required.
- Review 2008 MSGP for additional requirements and reports.

Emergency Contacts	Phone Number:	Comments:
Facility - Douglas Macone:	978-407-3949	Owner
Facility (24 Hour Contact): Chris Gilman	978-987-6808	Facility Manager & Controller
Acton Water District	978-263-9107 (24 hour)	Abutting Assabet Public Well
Acton Fire Department	911	(978) 264-9645
24 Hour Response to MassDEP:	1-888-304-1133	Statewide Number:
5-Day Written Response to:	MassDEP Central Region 627 Main Street Worcester, Massachusetts 01608 508-792-7650	Contact Regional Office to obtain direct contact information prior to submittal.

National Response Center (If Applicable)*	(800) 424-8802	*Only If leak, spill exceeds reportable quantity under 40 CFR Part 110, Part 117 or Part 302 during 24-hour Period.

3.5 Erosion and Sediment Controls

Instructions (see 2008 MSGP Part 2.1.2.5):

Describe structural or non-structural controls used at your site to stabilize exposed areas and contain runoff to minimize onsite erosion and potential offsite discharges of sediment. Note: You must at a minimum implement flow velocity dissipation devices at outfalls and discharge channels. Describe the location at your site where each control will be implemented.

Existing Conditions - This Facility already incorporates many settling basins throughout site along with stone berms at storm drains beneath wash sand processing plant as sediment controls. Entrances to this Facility are paved and earthen berms are also provided along perimeter to control and direct runoff to the settling basins. Surfaces within the Facility primarily consist of exposed sandy soils along haul roads, open standing water within settling basins and open sand & gravel stockpiles with variable footprints and aggregate sizes throughout site which require different considerations for sediment controls based on seasonal climate and material demands from construction within area.

Pavement at entrances and use of gravel within parking areas has helped reduce erosion concerns in these areas. Earthern berms along perimeter and settling basins A1, A2 & A3 assist in controlling erosion.

Considerations – During benchmark monitoring, review results of TSS removal from existing sweeping of entrances and maintenance of settling basins. Should additional TSS removal be required, then Owner should consider additional hooded storm drains at paved entrances to reduce TSS with possible diversion of the first inch of runoff prior to connection to Outfall Point 3 at MS4. Also consider additional TSS removal by installing stone berms and sediment forebays within and prior to existing settling basins E1a & E1b prior to Outfall Point 1 and Point 2. Another consideration is the expansion of a gravel stabilized area from the paved entrances further into the site.

3.6 Management of Runoff

Instructions (See 2008 MSGP Part 2.1.2.6):

Describe controls used at your site to divert, infiltrate, reuse, contain, or otherwise reduce stormwater runoff. Describe the location at your site where each control will be implemented.

Existing Conditions - Many controls have already been implemented at this existing Facility to control runoff. Such controls consist of settling basins, natural vegetated depressions, earthen berms, headwalls and outlet pipes. Raised gravel areas and concrete block walls have been provided to divert runoff away

from parking areas and stockpiles areas. Complete recharge is provided for runoff directed to Areas A1, A2, B1, C1 & D1 as shown on Site Map. Partial recharge of runoff is also provided within settling basins prior to Outfall Points 1 & 2. Existing storm drains divert runoff from under the Wash Sand Processing Plant Area to Settling Basin Area A2 for infiltration. Since site is very level, recharge is also provided to some extent as runoff sheet flows across site to the settling basins and outfall locations.

Considerations – During benchmark monitoring, review existing results of sweeping of entrances to reduce offsite tracking. Consider additional storm drains at paved entrances with possible diversion of the first inch of runoff prior to connection to Outfall Point 3 at MS4. Also consider additional stone berms and sediment forebays within and prior to existing settling basins E1a & E1b prior to Outfall Point 1 and Point 2.

3.7 Salt Storage Piles or Piles Containing Salt

Instructions (see 2008 MSGP Part 2.1.2.7):

If applicable, describe structures at your site that either cover or enclose salt storage piles or piles containing salt, or that prevent the discharge of stormwater from such piles. Also, describe any controls or procedures used to minimize exposure resulting from adding to or removing materials from the pile. Describe the location at your site where each control and/or procedure will be implemented.

N/A - This existing Facility does not contain any Salt Storage Piles or Piles Containing Salt. During winter months, only sand is applied within facility.

3.8 MSGP Sector-Specific Non-Numeric Effluent Limits

Instructions (see 2008 MSGP Part 2.1.2.8):

- Describe any controls or procedures that will be used at your site to comply with any sector-specific requirements that apply to you in Part 8 of the 2008 MSGP. Describe the location at your site where each control and/or procedure will be implemented.
- Note: Sector-specific effluent limits apply to Sectors A, E, F, G, H, I, L, M, N, O, P, Q, R, S, T, U, V, X, Y, Z, and AA.

Per Appendix D; Table D-1. Sectors of Industrial Activity Covered by this Permit;

Sector J; Subsector J1; SIC Code 1442; Construction Sand & Gravel.

Applicable Section: *2008 MSGP Part 8 – Subpart J – Sector – J*

Non-Metallic Mineral Mining and Dressing.

Sector Specific Requirements:

8.J.5 Additional Technology-Based Effluent Limits.

8.J.5.1 Employee Training. Conduct employee training at least annually at active and temporarily inactive sites. (See also Part 2.1.2.9)

•Annual Employee Training shall include training of stormwater controls.

8.J.5.2 Stormwater Controls. Apart from the control measures you implement to meet your Part 2 effluent limits, where necessary to minimize pollutant discharges, implement the following control measures at your site. The potential pollutants identified in Part 8.J.5.3 shall determine the priority and appropriateness of the control measures selected.

8.J.5.2.1 Stormwater Diversions: Consider diverting stormwater away from potential pollutant sources. Following are some control measure options: interceptor or diversion controls (e.g., dikes, swales, curbs, or berms); pipe slope drains; subsurface drains; conveyance systems (e.g., channels or gutters, open-top box culverts, and waterbars; rolling dips and road sloping; roadway surface water deflector and culverts); or their equivalents.

•Maintain existing slopes to pitch away from existing garage area.

•Maintain existing earthen berms.

•When grading haul roads provide low points to direct runoff towards existing settling basins.

8.J.5.2.2 Capping: When capping is necessary to minimize pollutant discharges in stormwater, identify the source being capped and the material used to construct the cap.

•N/A

8.J.5.2.3 Treatment: If treatment of stormwater (e.g., chemical or physical systems, oil and water separators, artificial wetlands) is necessary to protect water quality, describe the type and location of treatment used. Passive and/or active treatment of stormwater runoff is encouraged. Treated runoff may be discharged as a stormwater source regulated under this permit provided the discharge is not combined with discharges subject to effluent limitation guidelines for the Mineral Mining and Processing Point Source Category (40 CFR Part 436).

•Existing stormwater system will be monitored during benchmark monitoring time period and evaluated upon its completion to determine if additional treatment is necessary to meet Effluent limitations for existing use. Also per Section 9 of the 2008 MSGP additional requirements are implemented by the Commonwealth of MA which must be reviewed.

8.J.5.3 Certification of Discharge Testing: (See also Part 5.1.4.4) Test or evaluate all outfalls covered under this permit for the presence of specific mining-related non-stormwater discharges such as discharges subject to effluent limitations guidelines (e.g., 40 CFR Part 436). Alternatively (if applicable), you may keep a certification with your SWPPP.

3.9 Employee Training

Instructions (see 2008 MSGP Parts 2.1.2.9 and 5.1.5.1):

Describe your plan for training the employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of the 2008 MSGP, including all members of your Pollution Prevention Team. Included in your description must be the frequency of training (note: recommended at least one time per year), and the schedule you will follow.

Employee Stormwater Training Plan to be developed by Owner:

- Date: Once per year (or at greater intervals if staff levels increase on seasonal basis)
- Include all Members of Pollution Prevention Team
- Training Tasks shall Include:
  - Understanding Site Map and Outfall Points
  - Understanding Existing resources within Facility
  - Understanding proper waste handling and disposal locations
  - Understanding Requirements for monitoring at Outfall Points
  - Protocol for Inspections at all Outfall Points
  - Good Housekeeping
  - Procedures for Maintenance of Stormwater Devices
  - Spill prevention and Response Procedures
  - Amend Training on an annual basis and update procedures as necessary

3.10 Non-Stormwater Discharges

Instructions (see 2008 MSGP 2.1.2.10):

Describe how you eliminated any unauthorized non-stormwater discharges at your site. The unauthorized non-stormwater discharges include any non-stormwater discharges that are not specifically identified in Part 1.1.3 of the 2008 MSGP. Note: If this section is already addressed by your documentation for Section 2.3 of the SWPPP template, you can simply include a cross-reference to that section of your SWPPP.

See Section 2.3 of this SWPPP.

3.11 Waste, Garbage and Floatable Debris

Instructions (see 2008 MSGP Part 2.1.2.11):

Describe controls and procedures that will be used at your site to minimize discharges of waste, garbage, and floatable debris. Describe the location at your site where each control and/or procedure will be implemented.

Existing Facility has trash barrels which are located in each building and office area. The Dumpster is also provided with a cover. Existing fences and earthen berms also provide barriers to prevent any potential debris from leaving facility.

3.12 Dust Generation and Vehicle Tracking of Industrial Materials

Instructions (see 2008 MSGP Part 2.1.2.12):

Describe controls and procedures you will use at your site to minimize the generation of dust and off-site tracking of raw, final, or waste materials. Describe the location at your site where each control and/or procedures will be implemented.

Dust – Location of material stockpiles within central part of Facility assist in dust reduction. Haul roads are also scraped by front end loader to minimize loose material along heavily travel routes within site. As necessary travel lanes are dampened with the use of water only to control dust.

Offsite Tracking – In addition to existing street sweeping practices, the addition of a stabilized gravel entrance between paved entrances and sandy haul roads within facility could be considered. On a daily basis paved entrances and scale area shall be monitored and swept as necessary.

SECTION 4: SCHEDULES AND PROCEDURES FOR MONITORING

Instructions (see 2008 MSGP Part 5.1.5.2):

- Describe your procedures for conducting the five types of analytical monitoring specified by the MSGP, where applicable to your facility, including:
  - Benchmark monitoring (2008 MSGP, Part 6.2.1 and relevant requirements in Part 8 and/or Part 9);
  - Effluent limitations guidelines monitoring (2008 MSGP, Part 6.2.2 and relevant requirements in Part 8);
  - State- or Tribal-specific monitoring (2008 MSGP, Part 6.2.3 and relevant requirements in Part 9);
  - Impaired waters monitoring (2008 MSGP, Part 6.2.4); and
  - Other monitoring as required by EPA (2008 MSGP, Part 6.2.5).
- Depending on the type of facility you operate, and the monitoring requirements to which you are subject, you must collect and analyze stormwater samples and document monitoring activities consistent with the procedures described in 2008 MSGP, Part 6 and Appendix B, Subsections 10 – 12, and any additional sector-specific or State/Tribal-specific requirements in 2008 MSGP, Parts 8 and 9, respectively. Refer to 2008 MSGP, Part 7 for reporting and recordkeeping requirements. Note: All monitoring must be conducted in accordance with the relevant sampling and analysis requirements at 40 CFR Part 136. Include in your description procedures for ensuring compliance with these requirements.
- If you are invoking the exception for inactive and unstaffed sites for benchmark monitoring, you must include in your SWPPP the information to support this claim as required by 2008 MSGP, Part 6.2.1.3.
- If you plan to use the substantially identical outfall exception for your benchmark monitoring requirements in 2008 MSGP, Part 6.2.1 and/or your quarterly visual assessment requirements in 2008 MSGP, Part 4.2.3, you must include the following documentation:
  - Location of each of the substantially identical outfalls;
  - Description of the general industrial activities conducted in the drainage area of each outfall;
  - Description of the control measures implemented in the drainage area of each outfall;
  - Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to stormwater discharges;
  - An estimate of the runoff coefficient of the drainage areas (low = under 40%; medium = 40 to 65%; high = above 65%); and
  - Why the outfalls are expected to discharge substantially identical effluents.

For each type of monitoring, your SWPPP must include a description of:

1. Sample Location(s). Describe where samples will be collected, including any determination that two or more outfalls are substantially identical.

   Benchmark Monitoring shall be conducted at all Outfall Points since limits are numeric.

   Outfall Point 1
   Outfall Point 2
   Outfall Point 3

2. Pollutant Parameters to be Sampled. Include a list of the pollutant parameters that will be sampled and the frequency of sampling for each parameter.

BENCHMARK MONITORING

8.J.8 Sector-Specific Benchmarks

Table 8.J-1.		
Subsector (You may be subject to requirements for more than one sector/subsector)	Parameter	Benchmark Monitoring Concentration
Subsector J1. Sand and Gravel Mining (SIC 1442, 1446)	Nitrate plus Nitrite Nitrogen	0.68 mg/L
	Total Suspended Solids (TSS)	100 mg/L
Numeric Evaluations Apply to Each Outfall Point Location (See 6.2.2.2)		

EFFLUENT LIMITATIONS

NONE – Section 8.J.9 applies to only mine dewatering which is not applicable to this facility, per telephone conversation with David Gray at EPA.

STATE – Commonwealth of MA (Per Section 9.1.2 of 2008 MSGP)

NONE – Sampling for copper listed in 314 CMR 4.06: Table 28 is not applicable to this facility, per telephone conversation with David Gray at EPA.

CHECK to see if there are any requirements Per Section 9.1.2 of 2008 MSGP.

IMPAIRED WATERS MONITORING (Assabet River - 82466775; Segment ID MA82B-07_2008)
Per David Gray at EPA
Once within first year only (Submit results to EPA for review, comment and further instructions)
1. Total Phosphorus (TMDL established)
2. E coli -

3. Monitoring Schedules. Include the schedule you will follow for monitoring your stormwater discharge, including where applicable any alternate monitoring periods to be used for facilities in climates with irregular stormwater runoff (2008 MSGP, Part 6.1.6).

(See Section 6.1.7 for guidance monitoring to commence once permit has been issued)
Monitoring must be conducted at least once in each of the following 3-month intervals
Quarter 1 - April 1 – June 30
Quarter 2 – July 1 – Sept 30
Quarter 3 - Oct. 1 – Dec 31
Quarter 4 - Jan. 1 – March 31

Benchmark	Quarterly for first Year.
Effluent Limitations	None
State	None
Impaired Waters	Once within first year

4. Numeric Limitations. List here any pollutant parameters subject to numeric limits (effluent limitations guidelines), and which outfalls are subject to such limits. Note that numeric limits are only included for Sectors A, C, D, E, J, K, L, and O.

Benchmark Monitoring (Sector J)	(Applicable to all Outfall Points)
Nitrate plus Nitrite Nitrogen	0.68 mg/L*
Total Suspended Solids (TSS)	100 mg/L*
Total Phosphorus	(one time result to EPA for review and analysis**)
E coli	(one time result to EPA for review and analysis**)
	* In Massachusetts All four of the quarterly monitoring samples must meet the benchmarks rather than avg.
	** Per Part 6.2.5 - EPA will notify facility of additional discharge monitoring requirements if necessary

5. Procedures. Describe procedures you will follow for collecting samples, including responsible staff who will be involved, logistics for taking and handling samples, laboratory to be used, etc.

   Monitoring Data collected - submit online or mail
   Per Part 7.1 - All monitoring data collected pursuant to Parts 6.2 and 6.3 MUST BE SUBMITTED TO EPA using EPA's online eNOI system (www.epa.gov/npdes/eNOI) no later than 30 days (email date or postmark date) after you have received your complete laboratory results for all

   Collection of Samples – Owner will select and obtain assistance from a licensed EPA Testing laboratory on the proper sampling procedures, sample bottles and forms necessary. Additional Staff training shall be conducted prior to sampling to ensure compliance with testing procedures for applicable limitations.

   Name of testing Laboratory: **
   Name of Responsible Staff : **
   Logistics for taking and handling samples: **
   ** Owner to provide once Lab is selected

Note: It may be helpful to create a table with columns corresponding to # 1 - 5 above for each type of monitoring you are required to conduct.

Inactive and Unstaffed sites exception (if applicable)
If you are invoking the exception for inactive and unstaffed sites for benchmark monitoring, include information to support this claim. N/A

Substantially identical outfall exception (if applicable) N/A
If you plan to use the substantially identical outfall exception for your benchmark monitoring and/or quarterly visual assessment requirements, include the following information here to substantiate your claim that these outfalls are substantially identical:

- Location of each of the substantially identical outfalls: N/A for numeric limitations.
- Description of the general industrial activities conducted in the drainage area of each outfall: N/A
- Description of the control measures implemented in the drainage area of each outfall: N/A
- Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to stormwater discharges: N/A

- An estimate of the runoff coefficient of the drainage areas (low=under 40%; medium=40 to 65%; high =above 65%): N/A

Why the outfalls are expected to discharge substantially identical effluents: N/A

SECTION 5: INSPECTIONS

Instructions:

- Describe your procedures for performing the three types of inspections required by the 2008 MSGP, including:
  - Routine facility inspections (2008 MSGP, Part 4.1);
  - Quarterly visual assessment of stormwater discharges (2008 MSGP, Part 4.2); and
  - Comprehensive site inspections (2008 MSGP, Part 4.3).
- If you are invoking the exception for inactive and unstaffed sites relating to routine facility inspections and quarterly visual assessments, you must include in your SWPPP the information to support this claim as required by 2008 MSGP, Parts 4.1.3 and 4.2.3.
- A sample routine facility inspection and quarterly visual assessment form is available on EPA's MSGP website (www.epa.gov/npdes/stormwater/msgp) in the "Additional MSGP Documentation" file. Appendix I of the 2008 MSGP includes a comprehensive site inspection form (Annual Reporting Form).

For the routine facility inspections and the comprehensive site inspections to be performed at your site, include a description of the following:

- The names of the person(s), or the positions of the person(s), responsible for inspection: Douglas Macone & Chris Gilman
- The schedules to be used for conducting inspections. Include here any tentative schedule that will be used for facilities in climates with irregular stormwater runoff discharges (2008 MSGP, Part 4.2.3): At least quarterly during operation of Facility (monthly recommended), at least one per calendar year must be conducted during a period when a stormwater event is occurring and
- Specific areas of the facility to be inspected, including schedules for specific outfalls: Watershed areas for Outfall Points 1, 2 & 3 as shown on the Site Map.

For the quarterly visual assessments to be performed at your site, include a description of the following:

- The names of the person(s), or the positions of the person(s), responsible for inspection: Douglas Macone & Chris Gilman
- The schedules to be used for conducting inspections. Include here any tentative schedule that will be used for facilities in climates with irregular stormwater runoff discharges (2008 MSGP, Part 4.2.3): First week of each quarter as outlined on Inspection Forms and within 2008 MSGP and
- Specific areas of the facility to be inspected, including schedules for specific outfalls: Watershed areas for all Outfall Points 1, 2 & 3 as shown on the Site Map.

Inactive and Unstaffed sites exception (if applicable)
If you are invoking the exception for inactive and unstaffed sites for your routine facility inspections and quarterly visual assessments, include information to support this claim.
N/A

SECTION 6: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

6.1 Documentation Regarding Endangered Species.

Instructions (see 2008 MSGP Part 5.1.6.1):

Include any documentation you have that supports your determination of eligibility consistent with 2008 MSGP, Part 1.1.4.5 (Endangered and Threatened Species and Critical Habitat Protection). Refer to Appendix E of the 2008 MSGP for specific instructions for establishing eligibility.

APPLICANT TO PROVIDE DOCUMENTATION WHEN IT BECOMES AVAILABLE

Appendix E - Since this is an existing facility the submittal of the NOI form will likely occur prior to determining which Criterion this existing facility meets under Part E.2.

Step 1. The applicant shall contact the appropriate local Service office to determine if federally-listed species are present within the action area. The Service responds to the request by providing a list of species that are known to occur or may occur in the vicinity; if the Service provides a negative response, no further consultation is required unless the scope or nature of the project is altered or new information indicates that listed species may be affected.

If listed species are present, the Federal agency must determine if the action may affect them. A may affect determination includes those actions that are not likely to adversely affect as well as likely to adversely affect listed species. If the Federal agency determines that the action is not likely to adversely affect listed species (e.g., the effects are beneficial, insignificant, or discountable), and the Service agrees with that determination, the Service provides concurrence in writing and no further consultation is required.

Step 2. In addition to Step 1 above, prior to any site improvements, the Applicant will inquire in writing to the Massachusetts Division of Fisheries and Wildlife; Natural Heritage & Endangered Species Program prior to submittal of an application under the Wetlands Protection Act for any proposed BMP improvements at the Outfall Points along the entrance of this facility, since a portion of this facility is located within Priority Habitat of rare Species and also Estimated Habitat of Rare Wildlife as indicated within the Massachusetts Natural Heritage Atlas; 13th Edition; Effective October 1, 2008 (www.nhesp.org).

Project Review Requests

Field offices within the region review proposed projects for potential impacts to federally listed endangered and threatened species. Requests should be submitted in writing and should also include a map that identifies the proposed project location (and indicates the U.S. Geological Survey topographic map by name). Please send your requests to the following offices, or contact those offices by telephone if you have additional questions.

New England (except Maine)	U.S. Fish and Wildlife Service 70 Commercial Street, Suite 300 Concord, NH 03301-5087	603-223-2541

This Facility has existing stormwater controls and existing Outfall Points which are intended to be left unchanged during the benchmark monitoring period of this 2008 MSGP unless additional stormwater controls are deemed necessary upon review of State regulation requirements. During this benchmark review period we will be inquiring in writing to the local FWS to determine eligibility.

6.2 Documentation Regarding Historic Properties

Instructions (see 2008 MSGP Part 5.1.6.2):

Include any documentation you have that supports your determination of eligibility consistent with 2008 MSGP, Part 1.1.4.6 (Historic Properties Preservation). Refer to Appendix F of the 2008 MSGP for specific instructions for establishing eligibility.

Appendix F – This existing Facility is required to follow the procedures within Appendix F prior to the installation of any additional stormwater controls currently intended at the site entrance. However, there are local permits which must also be applied for and permit issued prior to determining extent of work to be reviewed for historical purposes at this site.

During the Benchmark monitoring period, the Owner will be proceeding with acquiring the local permits necessary to determine extent of review under this part of the 2008 MSGP.

It is anticipated that the subsurface disturbance for the stormwater controls will be less than one (1) acre. The Owner will need to contact the appropriate historic preservation authorities prior to any work per Section 1.1.4.6.

6.3 Documentation Regarding NEPA Review (if applicable)

Instructions (see 2008 MSGP Part 5.1.6.3):

Include any documentation you have that supports your determination of eligibility consistent with MSGP 2008 Part 1.1.2.5 (Discharges Subject to Any New Source Performance Standards).

Per Table 1-1.- Construction Sand & Gravel Facilities are not subject to a New Source Performance Standard (NSPS) or New Source Date for Regulated Discharges.

SECTION 7: SWPPP CERTIFICATION

Instructions (see 2008 MSGP Part 5.1.7):

The following certification statement must be signed and dated by a person who meets the requirements of Appendix B, Subsection 11.A or 11.B, of the 2008 MSGP. Note: This certification must be re-signed in the event of a SWPPP modification in response to a Part 3.1 trigger for corrective action.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Douglas Macone Title: Owner

Signature: _____ Date: _____

SECTION 8: SWPPP MODIFICATIONS

Instructions (see 2008 MSGP Part 5.2):

- Your SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions. See Part 3.4 of the 2008 MSGP.
  - If you need to modify the SWPPP in response to a corrective action required by Part 3.1 of the 2008 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2008 MSGP Appendix B, Subsection 11.A or 11.B.
  - For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person. See 2008 MSGP Appendix B, Subsection 11.C.

Owner shall maintain a Log per above instructions.

SWPPP ATTACHMENTS

Attach the following documentation to the SWPPP:

Attachment A – General Location Map

Include a copy of your general location map in Attachment A.

Attachment B – Site Map

Include a copy of your site map(s) in Attachment B.

Attachment C – 2008 MSGP

Note: It is helpful to keep a printed-out copy of the 2008 MSGP so that it is accessible to you for easy reference. However, you do not need to formally incorporate the entire 2008 MSGP into your SWPPP. As an alternative, you can include a reference to the permit and where it is kept at the site.

References:

MA Surface Water Quality Standards 31010 CMR 4.00:
http://www.mass.gov/dep/service/regulations/314cmr04.pdf

The Assabet River is a Class B warm water Qualifier

Tier 2 or Tier 2.5:

http://www.mass.gov/dep/water/laws/tblfig.pdf